Journal of Educational Research

EDITORIAL BOARD

E. J. ASHBAUGH
Ohio State University

A. S. BARR, Chairman
University of Wisconsin

EARL HUDELSON
University of Minnesota

VOLUME XVIII
June-December, 1928

Copyrighted 1928, by
THE PUBLIC SCHOOL PUBLISHING COMPANY
BLOOMINGTON ILLINOIS

Educ.
Dir.

INDEX

Volume XVIII, June-December, 1928

(E) Indicates an Editorial
(R) Indicates a Book Review
(A) Indicates Research Abstracts and Bibliographies
(N) Indicates a signed News Item or Communication
No letter is used for articles

A

Ability Index, The Practical Application of the Student's, Howard J. Banker, 282
Achievement Curves and Their Trend Through the Year, L. N. Garlough, 363
Achievement of Pupils in the Fourth, Fifth, and Sixth Grades, Effect of the Summer Vacation on the, Elizabeth Bruene, 309
Adams, Henry F., Furniss, Louis, and DeBow, L. A., Personality as Revealed by Mental Test Scores and by School Grades, (A), 171
Adams, Roxana Morton, and Hall, Katharine Hedges, Freeland, George Earl, Teaching in the Intermediate Grades, (R), (Myrtle L. Kaufmann), 158
Age Levels on the Same Scale, On Comparing IQ's at Different, Walter F. Dearborn and Howard H. Long, 265
American History in the Junior High School, The Retention of, Fowler D. Brooks and S. Janet Bassett, 195
Analysis and Evaluation of College and University Courses in Education, The, W. E. Peik, 345
Appreciation, An, (E), E. J. Ashbaugh, 153
Arithmetic Problems, Unfamiliar Situations as a Difficulty in Solving, Carleton Washburne and Mabel Vogel Morphett, 220
Armstrong, Byron K., The Effects of Drill in Algebra, (N), 262
Arnett, Trevor, Teachers' Salaries in Certain Endowed and State Supported Colleges and Universities in the United States, with Special Reference to Colleges of Arts, Literature, and Science, (A), 409
Ashbaugh, E. J., An Appreciation, (E), 153
Ashbaugh, E. J., Contributions and Contributors, (E), 318
Association Study of the Vocabulary of Grade Children, An, C. G. Shambaugh and Olive L. Shambaugh, 40
Autenrieth, Walter, Evaluation of the Total Personality of a Pupil, (A), 172

B

Baker, Florence M., A Tentative Vocabulary for First Year French Students, 369
Baldwin, Bird T., The Educational Growth of Elementary School Children, (A), 413
Banker, Howard J., The Practical Application of the Student's Ability Index, 282
Barlow, M. C., The Role of Articulation in Memorizing, (A), 255
Barr, A. S., An Evaluation of Items to Observe in Classroom Supervision, 53
Barr, A. S., How Can the *Journal of Educational Research* Best Serve Its Readers? (E), 397
Barr, A. S., Some Matters of Editorial Policy, (E), 246
Barthelmess, Harriet N., and Boyer, Philip A., A Study of the Relation Between Teaching Efficiency and the Amount of College Credit Earned While in Service, (A), 412
Basket Ball for Women, Alice W. Frymir, (R), 407
Bassett, S. Janet, and Brooks, Fowler D., The Retention of American History in the Junior High School, 195
Beckmann, Dr. H., The Composition as a Means of Selecting Pupils, (A), 258
Belated Acknowledgment, A, (E), B. R. Buckingham, 77
Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School, Palmer O. Johnson, 103
Bobertag, Otto, Agreement and Constancy Between Teacher's Judgment and Tests of Mental Capacity, (A), 414
Bogardus, Emory S., Teaching and Social Distance, (A), 170
Book, William F., How to Succeed in College, (R), (F. J. Kelly), 157
Boyer, Philip A., and Barthelmess, Harriet N., A Study of the Relation Between Teaching Efficiency and the Amount of College Credit Earned While in Service, (A), 412
Brandenburg, G. C., and Remmers, H. H., The Purdue Rating Scale for Instructors, (R), (F. B. Knight), 162
Breuer, Matilda, and Hall, Norman H., Story Games with Pictures and Numbers, (R), 405
Brooks, Fowler D., and Bassett, S. Janet, The Retention of American History in the Junior High School, 195
Brown, Andrew W., The Reliability and Validity of the Seashore Tests of Musical Talent, (A), 415
Brown, F. J., and Shelmadine, Marguerite, A Critical Study in the Objective Measurement of Character, 290
Brown, Roberta W., A Comparative Study of the "Whole," "Part," and "Combination" Methods of Learning Piano Music, (A), 169
Bruechner, Leo J., Analysis of Difficulties in Decimals, (A), 256
Bruene, Elizabeth, Effect of the Summer Vacation on the Achievement of Pupils in the Fourth, Fifth, and Sixth Grades, 309
Buckingham, B. R., A Belated Acknowledgment, (E), 77

Bulletin of the National Association of Secondary-School Principals, Guidance in Secondary Schools, (A), 164
Bulletin of the School of Education, Indiana, University, Fifteenth Annual Conference on Educational Measurements, (A), 408
Butterweck, Joseph S., The How to Study Problem, 66

C

Cavins, L. V., Standardization of American Poetry for School Purposes, (R), (R. E. Green), 252
Certain Techniques Used in Developing a Course of Study in Science for the Horace Mann Elementary School, Gerald S. Craig, (R), (Elliott R. Downing), 93
Chapman-Sims Socio-Economic Scale, A Revision of the, J. D. Heilman, 117
Character, A Critical Study in the Objective Measurement of, F. J. Brown and Marguerite Shelmadine, 290
Cheydleur, Frederic D., Results and Significance of the New Type of Modern Language Tests, (A), 171
Civics, The Special Vocabulary of, Orlando W. Stephenson, 297
Clark, Bernice E., The Effect Upon Retention of Varying Lengths of Study Periods and Rest Intervals in Distributed Learning Time, (A), 413
Clark, Harold F., Economic Effects of Education, (A), 163
Clark, H. F., Some Economic Consequences of Education, 275
Clark, Willis W., Vacation School Survey, (A), 334
Classroom Supervision, An Evaluation of Items to Observe in, A. S. Barr, 53
Clemens, Paul B., and Neubauer, Paul F., A Supervision Project in Multiplication, 387
Coefficients of a Test When Lengthened, A Table for Predicting the Validity and Reliability, Harold A. Edgerton and Herbert A Toops, 225
Cole, L. W., Interference Between Related Mental Processes, 32
Colesock, Claire, Cooper, Hazel, and Lowman, C. L., Corrective Physical Education for Groups, (R); (Frederick Rand Rogers), 250
College and University Courses in Education, The Analysis and Evaluation of, W. E. Peik, 345
College Students, Mental Ability with Reference to Selection and Retention of, F. P. O'Brien, 136
College—What's the Use? Herbert E. Hawkes, (R), (E. J. Ashbaugh), 325
Collins, C. A., Reporting Failing Grades, (N), 179
Community Practice, Measurement of the Effect of School Instruction Through Changes in, H. M. Hamlin, 315
Comparing IQ's at Different Age Levels on the Same Scale, On, Walter F. Dearborn and Howard H. Long, 265
Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High-School Biology, A, Palmer O. Johnson, 103
Comparison of Two Methods of Learning, A, R. D. Russell, 235
Connecticut, The Earliest Public High-School Law in, Silas Hertzler, 378
Contributions and Contributors, (E), E. J. Ashbaugh, 318
Cooper, Hazel, Lowman, C. L., and Colesock, Claire, Corrective Physical Education for Groups, (R), (Frederick Rand Rogers), 250
Corrective Physical Education for Groups, C. L. Lowman, Claire Colesock, and Hazel Cooper, (R), (Frederick Rand Rogers), 250
Coryell, Nancy Gillmore, An Evaluation of Extensive and Intensive Teaching of Literature, (R), (S. A. Leonard), 160
Craig, Gerald S., Certain Techniques Used in Developing a Course of Study in Science for the Horace Mann Elementary School, (R), (Elliott R. Downing), 93
Crawford, Claude C., Technique of Research in Education, The, (R), (Walter S. Monroe), 402
Crawford, Claude C., The Technique of Study, (R), (Jessie Allen Charters), 250
Critical Study in the Objective Measurement of Character, A, F. J. Brown and Marguerite Shelmadine, 290
Cubberley, Hazel J., Field Hockey Analyzed, (R), 406
Curtis, Francis D., and Woods, Gerald G., A Study of a Modified Form of the Multiple-Response Test, 211
Curves and Their Trend Through the Year, Achievement, L. N. Garlough, 363

D

Dearborn, Ned H., and Rugg, Earle U., Social Studies in Teachers College and Normal Schools, The, (R), (E. W. Pahlow,) 404
Dearborn, Walter F., and Long, Howard H., On Comparing IQ's at Different Age Levels on the same Scale, 265
DeBow, L. A., Adams, Henry F., and Furniss, Louis, Personality as Revealed by Mental Test Scores and by School Grades, (A), 171
Differentiated Assignments in Classroom Management, E. M. Paulu, (R), 322
Difficulty in Solving Arithmetic Problems, Unfamiliar Situations as a, Carleton Washburne and Mabel Vogel Morphett, 220
Dougherty, Mary Lorette, A Comparative Study of Nine Group Tests of Intelligence for Primary Grades, (A), 328
Douglass, Harl R., An Experimental Investigation of the Relative Effectiveness of Two Plans of Supervised Study, 239
Douglass, Harl R., The Experimental Comparison of the Relative Effectiveness of Two Sequences in Supervised Study, (A), 163
Duel, H. W., The Even-Front System Versus the Rotation System in Laboratory Physics, (A), 170

E

Earliest Public High-School Law in Connecticut, The, Silas Hertzler, 378
Economic Consequences of Education, Some, H. F. Clark, 275
Edgerton, Harold A., and Toops, Herbert A., A Table for Predicting the Validity and Reliability Coefficients of a Test When Lengthened, 225
Education and the Integration of Behavior, Meredith Smith, (R), (G. Gordon Hullfish), 155

Education: Principles and Practices, Emit Duncan Grizzell, (R), (H. B. Alberty), 404
Education, Some Economic Consequences of, H. F. Clark, 275
Education, The Analysis and Evaluation of College and University Courses in, W. E. Peik, 345
Education, Waste in Professional, Richard E. Hyde, 144
Educational Activities of New England Quakers: A Source Book, Zora Klain, (R), (H. G. Good), 402
Effect of the Summer Vacation on the Achievement of Pupils in the Fourth, Fifth, and Sixth Grades, Elizabeth Bruene, 309
Elementary School to Reach Again the Spring Level of Achievement? How Much Time is Required in the Fall for Pupils of the, M. J. Nelson, 305
Errors in New-Type Examinations, Prevalent, D. A. Worcester, 48
Evaluation of Extensive and Intensive Teaching of Literature, An, Nancy Gillmore Coryell, (R), (S. A. Leonard), 160
Evaluation of Items to Observe in Classroom Supervision, An, A. S. Barr, 53
Examinations, Prevalent Errors in New-Type, D. A. Worcester, 48
Experimental Investigation of the Relative Effectiveness of Two Plans of Supervised Study, An, Harl R. Douglass, 239
Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory, Palmer O. Johnson, 103
Experimentation in Educational Methods, Measurement and, V. A. C. Henmon, 185

F

Fairy Folk Stories and Pictures, Miriam Mason Swain, (R), 327
Fennell, Ethel L., Recurring Words and Their Relations to Difficulties in Comprehension, (A), 256
Fenton, Norman, and Hill, Victor D., An Experimental Study of a Visual Method in Latin Instruction, (A), 414
Fenton, Norman, and Worcester, Dean A., An Introduction to Educational Measurements, (R), (W. W. Coxe), 91
Field Hockey Analyzed, Hazel J. Cubberley, (R), 406
Fifth, and Sixth Grades, Effect of the Summer Vacation on the Achievement of Pupils in the Fourth, Elizabeth Bruene, 309
Finding Mistakes Versus Correct Associations in Simple Number-Learning, Garry C. Myers and Caroline E. Myers, 25
Finney, Ross L., A Sociological Philosophy of Education, (R), (Walter R. Smith), 325
Freeland, George Earl, Adams, Roxana Morton, and Hall, Katharine Hedges, Teaching in the Intermediate Grades, (R), (Myrtle L. Kaufmann), 158
French Students, A Tentative Vocabulary for First Year, Florence M. Baker, 369
Frymir, Alice W., Basket Ball for Women, (R), 407
Furniss, Louis, and DeBow, L. A., Adams, Henry F., Personality as Revealed by Mental Test Scores and by School Grades, (A), 171

G

Garlin, R. E., Factors Conditioning the Success of School Surveys, (A), 329
Garrison, Noble Lee, Status and Work of the Training Supervisor, (R), (H. B. Alberty), 324
Giese, Fritz, School Type and Performance on Intelligence Tests, (A), 415
Gilliland, A. R., and Morgan, John J. B., An Introduction to Psychology, (R), (Guy M. Whipple), 92
Good, Carter V., and Roberts, Edward D., Curriculum Titles and Curriculum Constants in Senior High Schools, (A), 414
Good, Carter V., How to Do Research in Education, (R), (H. A. Greene), 323
Goodenough, Florence L, and Shapiro, Gertrude, The Performance of Pre-School Children of Different Social Groups on the Kuhlman-Binet Tests, 356
Grade Children, An Association Study of the Vocabulary of, C. G. Shambaugh and Olive L. Shambaugh, 40
Grades, Effect of the Summer Vacation on the Achievement of Pupils in the Fourth, Fifth, and Sixth Grades, Elizabeth Bruene, 309
Grades, Teaching in the Intermediate, George Earl Freeland, Roxana Morton Adams, and Katharine Hedges Hall, (R), (Myrtle L. Kaufmann), 158
Grading from the Median, E. L. Abell (N), 425
Grant, A., and Remmers, H. H., The Vocabulary Load of Certain Secondary School Mathematics Textbooks, 203
Grizzell, Emit Duncan, Education: Principles and Practices, (R), (H. B. Alberty), 404
Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School Biology, A Comparison of the Lecture-Demonstration, Palmer O. Johnson, 103
Groups on the Kuhlman-Binet Tests, The Performance of Pre-School Children of Different Social, Florence L. Goodenough and Gertrude Shapiro, 356

H

Haetter, Leonard D., An Experiment of the Efficiency of Instruction in Large and Small Classes in Plane Geometry, (A), 414
Hall, Katharine Hedges, Freeland, George Earl, Adams, and Roxana Morton, Teaching in the Intermediate Grades, (R), (Mrytle L. Kaufmann), 158
Hall, Norman H., and Breuer, Matilda, Story Games with Pictures and Numbers, (R), 405
Halle, Rita S., Which College? (R), (Oscar F. Weber), 158
Haggerty, M. E., Occupational Destination of Ph.D. Recipients, (A), 335
Hamilton, Dwight, An Experiment with an Individual Technique in Sixth Grade Arithmetic, (N), 339
Hamlin, H. M., Measurement of the Effect of School Instruction Through Changes in Community Practice, 315
Handwriting of Twins and Siblings, Resemblance in the, Emily Kramer and Charles E. Lauterbach, 149
Harap, Henry, The Technique of Curriculum Making, (R), (Ellsworth Collings), 159

Hawkes, Herbert E., College—What's the Use? (R), (E. J. Ashbaugh), 325
Heilman, J. D., A Revision of the Chapman-Sims Socio-Economic Scale, 117
Henmon, V. A. C., Measurement and Experimentation in Educational Methods, 185
Hertzler, Silas, The Earliest Public High-School Law in Connecticut, 378
High School, Ability Standards for Standardized Achievement Tests in the, Percival M. Symonds, (R), (M. J. Van Wagenen), 249
High School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation and Individual Laboratory Experimentation Methods of Teaching, Palmer O. Johnson, 103
Hildreth, Gertrude, A Survey of Problem Pupils, 1
Hill, Victor D., and Fenton, Norman, An Experimental Study of a Visual Method in Latin Instruction, (A), 414
History in the Junior High School, The Retention of American, Fowler D. Brooks, and S. Janet Bassett, 195
Holland, B. F., The Effect of Class Size on Scholastic Achievement in Educational Psychology, B. F. Holland, (A), 170
Holzinger, Karl J., Statistical Methods for Students in Education, (R), (R. L. Morton), 156
How Can the *Journal of Educational Research* Best Serve Its Readers? (E), A. S. Barr, 397
How Much Time is Required in the Fall for Pupils of the Elementary School to Reach Again the Spring Level of Achievement? M. J. Nelson, 305
How to Do Research in Education, Carter V. Good, (R), (H. A. Greene), 323
How to Study Problem, The, Joseph B. Butterweck, 66
How to Succeed in College, William F. Book, (R), (F. J. Kelly), 157
Huffaker, C. L., and Stetson, P. L., Pupil Counseling in Grades Seven to Twelve, (A), 330
Hunt, Thelma, The Measurement of Social Intelligence, (A), 172
Hyde, Richard E., Waste in Professional Education, 144

I

Index, The Practical Application of the Student's Ability, Howard J. Banker, 282
Individual Laboratory Experimentation Methods of Teaching High School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and, Palmer O. Johnson, 103
Instruction Through Changes in Community Practice, Measurement of the Effect of School, H. M. Hamlin, 315
Interference Between Related Mental Processes, L. W. Cole, 32
Introduction to Educational Measurements, An, Norman Fenton and Dean A. Worcester, (R), (W. W. Coxe), 91
Introduction to Psychology, An, John J. B. Morgan and A. R. Gilliland, (R), (Guy M. Whipple), 92
IQ's at Different Age Levels on the Same Scale, On Comparing, Walter F. Dearborn and Howard H. Long, 265
Items to Observe in Classroom Supervision, An Evaluation of, A. S. Barr, 53

J

Johnson, H. M., Some Fallacies Underlying the Use of Psychological "Tests," (A), 172
Johnson, Palmer O., A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School Biology, 103
Judd, Charles Hubbard, The Unique Character of American Secondary Education, (R), (D. H. Eikenberry), 322
Junior High School, Scholastic Accomplishment in the, F. C. Landsittel, 127
Junior High School, The Retention of American History in the, Fowler D. Brooks and S. Janet Bassett, 195

K

Kitson, Harry D., Measuring the Interest of Teachers in Their Work, (A), 416
Klain, Zora, Educational Activities of New England Quakers: A Source Book, (R), (H. G. Good), 402
Koehler, Elsa, Prof. Dr., Empirical Personality Research on the Child and Its Significance for Pedagogy, (A), 408
Kramer, Emily and Lauterbach, Charles E., Resemblance in the Handwriting of Twins and Siblings, 149
Kuhlman-Binet Tests, The Performance of Pre-School Children of Different Social Groups on the, Florence L. Goodenough and Gertrude Shapiro, 356

L

Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School Biology, A Comparison of the Lecture-Demonstration, Group, Palmer O. Johnson, 103
Landsittel, F. C., Scholastic Accomplishment in the Junior High School, 127
Lauterbach, Charles E. and Kramer, Emily, Resemblance in the Handwriting of Twins and Siblings, 149
Law in Connecticut, The Earliest Public High-School, Silas Hertzler, 378
Learning, A Comparison of Two Methods of, R. D. Russell, 235
Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High School Biology, A Comparison of the, Palmer O. Johnson, 103
Lehman, Harvey C., and Witty, Paul A., The Psychology of Play Activities, (R), (Elmer Mitchell), 90
Lewerents, Alfred S., Summary of a Questionnaire on Methods of Classification Existing in Los Angeles Elementary Schools, (A), 332
Lincoln, Edward A., Studies of the Validity of the Dearborn General Intelligence Examinations, (A), 173
List of Educational Subject Headings, L. Belle Voegelein, (R), (J. I. Wyer), 88
Long, Howard H., and Dearborn, Walter F., On Comparing IQ's at Different Age Levels on the Same Scale, 265
Lowman, C. L., Colesock, Claire, and Cooper, Hazel, Corrective Physical Education for Groups, (R), (Frederick Rand Rogers), 250

M

Mackaness, George, Inspirational Teaching, A Record of Experimental Work in the Teaching of English, (R), (S. A. Leonard), 327
Marberry, J. O., The Administation of Public Education in Centralized and Coördinate Schools, (A), 164
Marching Tactics, S. C. Staley, (R), 407
Masters, Harry Victor, A Study of Spelling Errors: A Critical Analysis of Spelling Errors Occurring in Words Commonly Used in Writing and Frequently Misspelled, (A), 409
Mathematics Textbooks, The Vocabulary Load of Certain Secondary School, H. H. Remmers and A. Grant, 203
Measurement and Experimentation in Educational Methods, V. A. C. Henmon, 185
Measurement of Character, A Critical Study in the Objective, F. J. Brown and Marguerite Shelmadine, 290
Measurement of Socio-Economic Status, The, Verner Martin Sims, (A), 166
Measurement of the Effect of School Instruction Through Changes in Community Practice, H. M. Hamlin, 315
Mental Ability with Reference to Selection and Retention of College Students, F. P. O'Brien, 136
Mental Processes, Interference Between Related, L. W. Cole, 32
Methods, I. The Negative Suggestion Effect of True-False Tests, Minor Studies on Objective Examination, Hazel M. Roberts and G. M. Ruch, 112
Methods of Learning, A Comparison of Two, R. D. Russell, 235
Methods of Teaching High School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation, Palmer O. Johnson, 103
Meyer, Jacob G., Small Colleges and Teacher Training, (R), (Alonzo F. Myers), 326
Myers, Garry C., and Myers, Caroline C., The Cost of Quick Shifting in Number Learning, (A), 413
Michigan, State Taxes for Public Schools in, Fletcher Harper Swift, 381
Mistakes Versus Correct Associations in Simple Number-Learning, Finding, Garry C. Myers and Caroline E. Myers, 25
Monroe, Walter S., et al., Ten Years of Educational Research, 1918-1927, (A), 329
Montgomery, Katherine W., Volley Ball for Women, (R), 406
Morgan, John J. B., and Gilliland, A. R., An Introduction to Psychology, (R), (Guy M. Whipple), 92
Morphett, Mabel Vogel, and Washburne, Carleton, Unfamiliar Situations as a Difficulty in Solving Arithmetic Problems, 220
Multiple-Response Test, A Study of a Modified Form of the, Francis D. Curtis and Gerald G. Woods, 211
Multiplication, A Supervision Project in, Paul B. Clemens and Paul F. Neubauer, 387
Myers, Garry C., and Myers, Caroline E., Finding Mistakes Versus Correct Associations in Simple Number-Learning, 25

N

Negative Suggestion Effect of True-False Tests, Minor Studies on Objective Examination Methods, I. The, Hazel M. Roberts and G. M. Ruch, 112
Nelson, M. J., How Much Time is Required in the Fall for Pupils of the Elementary School to Reach Again the Spring Level of Achievement? 305
Nettels, Chas. H., and Pierson, Celia D., A Study of High School Seniors to Determine Who Shall Be Recommended to College, (A), 171
Neubauer, Paul F., and Clemens, Paul B., A Supervision Project in Multiplication, 387
New Things That Are Really Old, Willis L. Uhl, 15
New-Type Examinations, Prevalent Errors in, D. A. Worcester, 48
Number-Learning, Finding Mistakes Versus Correct Associations in Simple, Garry C. Myers and Caroline E. Myers, 25
Number Learning, The Cost of Quick Shifting in, Garry C. Myers and Caroline C. Myers, (A), 413
Nygaard, P. H., A Revised Accomplishment Quotient, (N), 87

O

Oates, David W., An Experimental Study of Temperament, (A), 173
Objective Examination Methods, I. The Negative Suggestion Effect of True-False Tests, Minor Studies on, Hazel M. Roberts and G. M. Ruch, 112
Objective Measurement of Character, A Critical Study in the, F. J. Brown and Marguerite Shelmadine, 290
O'Brien, F. P., Mental Ability with Reference to Selection and Retention of College Students, 136
Ocker, W. A., Physical Education for the Second Grade, (R), 406

P

Parschau, Franz, Testing the Permanency of School Knowledge, (A), 257
Paterson, Donald G., and Tinker, Miles A., Influence of Type Form on Speed of Reading, (A), 258
Paulu, E. M., Differentiated Assignments in Classroom Management, (R), 322
Peik, W. E., The Analysis and Evaluation of College and University Courses in Education, 345
Performance of Pre-School Children of Different Social Groups on the Kuhlman-Binet Tests, The, Florence L. Goodenough and Gertrude Shapiro, 356
Personnel Research in Department Stores, A Report of Studies 1918-1925, by the Staff of the Research Bureau for Retail Training, University of Pittsburgh, (R), (Donald G. Paterson), 406
Physical Education for the Second Grade, W. A. Ocker, (R), 406
Pierson, Celia D., and Nettels, Chas. H., A Study of High School Seniors to Determine Who Shall be Recommended to College, (A), 171
Plans of Supervised Study, An Experimental Investigation of the Relative Effectiveness of Two, Harl R. Douglass, 239

Practical Application of the Student's Ability Index, The, Howard J. Banker, 282
Practice, Measurement of the Effect of School Instruction Through Changes in Community, H. M. Hamlin, 315
Predicting the Validity and Reliability Coefficients of a Test When Lengthened, A Table for, Harold A. Edgerton and Herbert A. Toops, 225
Pre-School Children of Different Social Groups on the Kuhlman-Binet Tests, The Performance of, Florence L. Goodenough and Gertrude Shapiro, 356
Pressey, Luella C., The Permanent Effects of Training in Methods of Study on College Success, (A), 331
Prevalent Errors in New-Type Examinations, D. A. Worcester, 48
Preventive and Corrective Physical Education, George T. Stafford, (R), (C. L. Brownell), 401
Problem Exercises for High School Teachers, Douglas Waples and Others, (R), (D. H. Eikenberry), 401
Problem, The How to Study, Joseph S. Butterweck, 66
Problems, Unfamiliar Situations as a Difficulty in Solving Arithmetic, Carleton Washburne and Mabel Vogel Morphett, 220
Processes, Interference Between Related Mental, L. W. Cole, 32
Professional Education, Waste in, Richard E. Hyde, 144
Project in Multiplication, A Supervision, Paul B. Clemens and Paul F. Neubauer, 387
Psychology of Play Activities, The, Harvey C. Lehman and Paul A. Witty, (R), (Elmer Mitchell), 90
Public High-School Law in Connecticut, The Earliest, Silas Hertzler, 378
Public School Messenger, A Survey of Letter Writing in Grades V and VI, (A), 333
Public School Messenger, Methods of Subtraction, (A), 331
Public Schools in Michigan, State Taxes for, Fletcher Harper Swift, 381
Pupils, A Survey of Problem, Gertrude Hildreth, 1
Pupils in the Fourth, Fifth, and Sixth Grades, Effect of the Summer Vacation on the Achievement of, Elizabeth Bruene, 309
Pupils of the Elementary School to Reach Again the Spring Level of Achievement? How Much Time is Required in the Fall for, M. J. Nelson, 305
Purdue Rating Scale for Instructors, The, G. C. Brandenburg and H. H. Remmers, (R), (F. B. Knight), 162

R

Reavis, W. C., and Woellner, Robert, The Time and the Personnel Available for Administrative Duties in Secondary Schools, (A), 331
Reeve, William David, and Smith, David Eugene, The Teaching of Junior High School Mathematics, (R), (Raleigh Schorling), 89
Reiterman, Alice, A Study of Achievements in First Year Algebra in Certain Los Angeles Secondary Schools, (A), 333
Reliability Coefficients of a Test When Lengthened, A Table for Predicting the Validity and, Harold A. Edgerton and Herbert A. Toops, 225
Remmers, H. H., and Brandenburg, G. C., The Purdue Rating Scale for Instructors, (R), (F. B. Knight), 162
Remmers, H. H., and Grant A., The Vocabulary Load of Certain Secondary School Mathematics Textbooks, 203
Renaissance Student Life: The Paedologia of Petrus Mosellanus, Robert Francis Seybolt, (R), (Ernest C. Moore), 252
Report of Studies 1918-1925, by the Staff of the Research Bureau for Retail Training, Personnel Research in Department Stores, University of Pittsburgh, (R), (Donald G. Paterson), 406
Research Bulletin of the National Education Association, VI, September, 1928, Practices Affecting Teacher Personnel, (A), 329
Resemblance in the Handwriting of Twins and Siblings, Emily Kramer and Charles E. Lauterbach, 149
Retention of American History in the Junior High School, The, Fowler D. Brooks and S. Janet Bassett, 195
Retention of College Students, Mental Ability with Reference to Selection and, F. P. O'Brien, 136
Retention of Varying Lengths of Study Periods and Rest Intervals in Distributed Learning Time, The Effect Upon, Bernice E. Clark, (A), 413
Revision of the Chapman-Sims Socio-Economic Scale, A, J. D. Heilman, 117
Roberts, Edward D., and Good, Carter V., Curriculum Titles and Curriculum Constants in Senior High Schools, (A), 414
Roberts, Hazel M., and Ruch, G. M., Minor Studies on Objective Examination Methods, I. The Negative Suggestion Effect of True-False Tests, 112.
Rogers, Frederick Rand, Tests and Measurement Programs in the Redirection of Physical Education, (R), (E. J. Ashbaugh), 161 and (R), (Samuel H. Cob), 161
Ruch, G. M., and Roberts, Hazel M., Minor Studies on Objective Examination Methods, I. The Negative Suggestion Effect of True-False Tests, 112
Rugg, Earle U., and Dearborn, Ned H., Social Studies in Teachers Colleges and Normal Schools, The, (R), (E. W. Pahlow), 404
Russell, R. D., A Comparison of Two Methods of Learning, 235

S

Scale, A Revision of the Chapman-Sims Socio-Economic, J. D. Heilman, 117
Scale, On Comparing IQ's at Different Age Levels on the Same, Walter F. Dearborn and Howard H. Long, 265
Scholastic Accomplishment in the Junior High School, F. C. Landsittel, 127
School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of Teaching High, Palmer O. Johnson, 103
School Instruction Through Changes in Community Practice, Measurement of the Effect of, H. M. Hamlin, 315
School, The Retention of American History in the Junior High, Fowler D. Brooks and S. Janet Bassett, 195

School to Reach Again the Spring Level of Achievement? How Much Time is Required in the Fall for Pupils of the Elementary, M. J. Nelson, 305
Schools in Michigan, State Taxes for Public, Fletcher Harper Swift, 381
Secondary School Mathematics Textbooks, The Vocabulary Load of Certain, H. H. Remmers and A. Grant, 203
Selection and Retention of College Students, Mental Ability with Reference to, F. P. O'Brien, 136
Shambaugh, C. G., and Shambaugh, Olive L., An Association Study of the Vocabulary of Grade Children, 40
Shapiro, Gertrude and Florence L. Goodenough, The Performance of Pre-School Children of Different Social Groups on the Kuhlman-Binet Tests, 356
Shelmadine, Marguerite, and Brown, F. J., A Critical Study in the Objective Measurement of Character, 290
Shuttleworth, Frank K., The Measurement of the Character and Environmental Factors Involved in Scholastic Success, (A), 410
Siblings, Resemblance in the Handwriting of Twins and, Emily Kramer and Charles E. Lauterbach, 149
Siebert, Hans, A Study of the Interests of Pupils Based Upon Pupils' Questions, (A), 330
Sims, Verner Martin, The Measurement of Socio-Economic Status, (A), 166
Sims, Verner Martin, The Relative Influence of Two Types of Motivation of Improvement, (A), 332
Sixth Grade Arithmetic, An Experiment with an Individual Technique in, (N), Dwight Hamilton, 339
Sixth Grades, Effect of the Summer Vacation on the Achievement of Pupils in the Fourth, Fifth, and, Elizabeth Bruene, 309
Slocombe, C. S., Three Points of Interest to Mental Constructors, (A), 174
Small Colleges and Teacher Training, Jacob G. Meyer, (R), (Alonso F. Myers), 326
Smith, David Eugene, and Reeve, William David, The Teaching of Junior High School Mathematics, (R), (Raleigh Schorling), 89
Smith, Henry Lester, and Wright, Wendell William, Second Revision of the Bibliography of Educational Measurements, (A), 254
Smith, Meredith, Education and the Integration of Behavior, (R), (G. Gordon Hullfish), 155
Social Groups on the Kuhlman-Binet Tests, The Performance of Pre-School Children of Different, Florence L. Goodenough and Gertrude Shapiro, 356
Social Studies in Teachers Colleges and Normal Schools, The, Earle U. Rugg and Ned H. Dearborn, (R), (E. W. Pahlow), 404
Socio-Economic Scale, A Revision of the Chapman-Sims, J. D. Heilman, 117
Sociological Philosophy of Education, A, Ross L. Finney, (R), (Walter R. Smith), 325
Solving Arithmetic Problems, Unfamiliar Situations as a Difficulty in, Carleton Washburne and Mabel Vogel Morphett, 220
Some Matters of Editorial Policy, (E), A. S. Barr, 246
Sost, J., Nature and Significance of School Certificates, (A), 167
Special Vocabulary of Civics, The, Orlando W. Stephenson, 297
Spence, Ralph B., Lecture and Class Discussion in Teaching Educational Psychology, (A), 332
Spring Level of Achievement? How Much Time is Required in the Fall for Pupils of the Elementary School to Reach Again the, M. J. Nelson, 305
Stafford, George T., Preventive and Corrective Physical Education, (R), (C. L. Brownell), 401
Staley, S. C., Marching Tactics, (R), 407
Standardization of American Poetry for School Purposes, L. V. Cavins, (R), (R. E. Green), 252
State Taxes for Public Schools in Michigan, Fletcher Harper Swift, 381
Statistical Methods for Students in Education, Karl J. Holzinger, (R), (R. L. Morton), 156
Status and Work of the Training Supervisor, Noble Lee Garrison, (R), (H. B. Alberty), 324
Stephenson, Orlando W., The Special Vocabulary of Civics, 297
Stetson, F. L., and Huffaker, C. L., Pupil Counseling in Grades Seven to Twelve, (A), 330
Students, A Tentative Vocabulary for First Year French, Florence M. Baker, 369
Student's Ability Index, The Practical Application of the, Howard J. Banker, 282
Studies on Objective Examination Methods. I. The Negative Suggestion Effect of True-False Tests, Minor, Hazel M. Roberts, and G. M. Ruch, 112
Study, An Experimental Investigation of the Relative Effectiveness of Two Plans of Supervised, Harl R. Douglass, 239
Study in the Objective Measurement of Character, A Critical, F. J. Brown and Marguerite Shelmadine, 290
Study of a Modified Form of the Multiple-Response Test, A, Francis D. Curtis and Gerald G. Woods, 211
Study Problem, The How to, Joseph S. Butterweck, 66
Stump, N. F., Oral Versus Printed Method in the Presentation of the True-False Examination, (N), 423
Supervision, An Evaluation of Items to Observe in Classroom, A. S. Barr, 53
Supervision Project in Multiplication, A, Paul B. Clemens and Paul F. Neubauer, 387
Survey of Problem Pupils, A, Gertrude Hildreth, 1
Swain, Miriam Mason, Fairy Folk Stories and Pictures, (R), 327
Swift, Fletcher Harper, State Taxes for Public Schools in Michigan, 381
Symonds, Percival M., Ability Standards for Standardized Achievement Tests in the High School, (R), (M. J. Van Wagenen), 249

T

Table for Predicting the Validity and Reliability Coefficients of a Test When Lengthened, A, Harold A. Edgerton and Herbert A. Toops, 225
Taxes for Public Schools in Michigan, State, Fletcher Harper Swift, 381

Teaching High School Biology, A Comparison of the Lecture-Demonstration, Group Laboratory Experimentation, and Individual Laboratory Experimentation Methods of, Palmer O. Johnson, 103
Teaching in the Intermediate Grades, George Earl Freeland, Roxana Morton Adams, and Katharine Hedges Hall, (R), (Myrtle L. Kaufmann), 158
Teaching of Junior High School Mathematics, The, David Eugene Smith and William David Reeve, (R), (Raleigh Schorling), 89
Teaching, Status of the Teaching of Shorthand and Typewriting in the Secondary Public Schools of Kansas, 1926-1927, (A), 334
Technique of Curriculum Making, The, Henry Harap, (R), (Ellsworth Collings), 159
Technique of Research in Education, The, Claude C. Crawford, (R), (Walter S. Monroe), 402
Technique of Study, The, Claude C. Crawford, (R), (Jessie Allen Charters), 250
Tentative Vocabulary for First Year French Students, A, Florence M. Baker, 369
Test, A Study of a Modified Form of the Multiple-Response, Francis D. Curtis and Gerald G. Woods, 211
Tests and Measurement Programs in the Redirection of Physical Education, Frederick Rand Rogers, (R), (E. J. Ashbaugh), 161 and (R), (Samuel H. Cobb), 161
Tests, Minor Studies on Objective Examination Methods, I. The Negative Suggestion Effect of True-False, Hazel M. Roberts and G. M. Ruch, 112
Tests, New, (A), 174, 259
Tests, The Performance of Pre-School Children of Different Social Groups on the Kuhlman-Binet, Florence L. Goodenough and Gertrude Shapiro, 356
Textbooks, The Vocabulary Load of Certain Secondary School Mathematics, H. H. Remmers and A. Grant, 203
Tiegs, Ernest Walter, An Evaluation of Some Techniques of Teacher Selection, (A), 168
Time is Required in the Fall for Pupils of the Elementary School to Reach Again the Spring Level of Achievement? How Much, M. J. Nelson, 305
Tinker, Miles A., and Paterson, Donald G., Influence of Type Form on Speed of Reading (A), 258
Tinker, Miles A., Eye Movement Duration, Pause Duration, and Reading Time, (A), 257
Toops, Herbert A., and Edgerton, Harold A., A Table for Predicting the Validity and Reliability Coefficients of a Test When Lengthened, 225
True-False Tests, Minor Studies on Objective Examination Methods, I. The Negative Suggestion of, Hazel M. Roberts and G. M. Ruch, 112
Twins and Siblings, Resemblance in the Handwriting of, Emily Kramer and Charles E. Lauterbach, 149

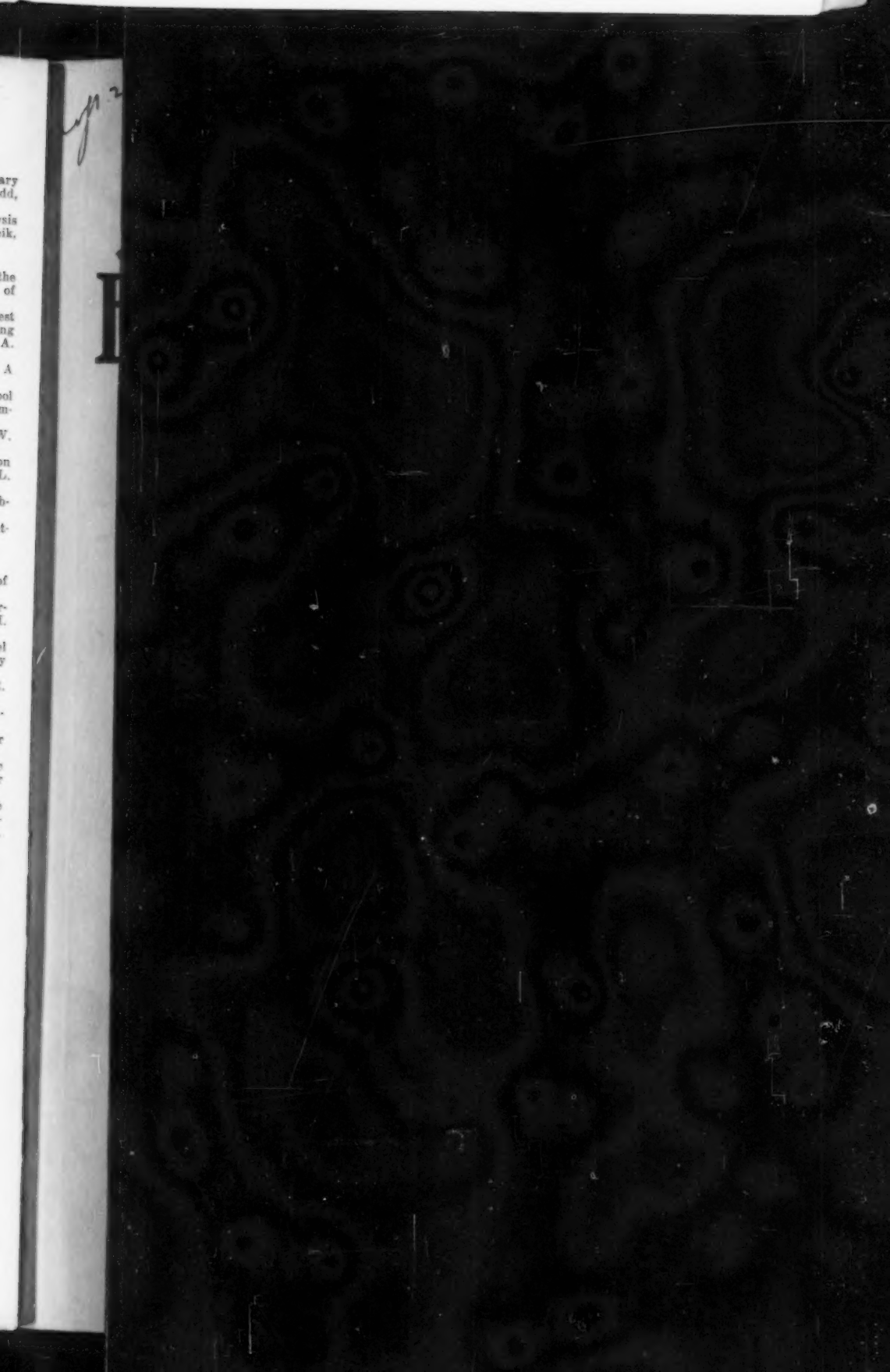
U

Uhl, Willis L., New Things That Are Really Old, 15
Unfamiliar Situations as a Difficulty in Solving Arithmetic Problems, Carleton Washburne and Mabel Vogel Morphett, 220
Unique Character of American Secondary Education, The, Charles Hubbard Judd, (R), (D. H. Eikenberry), 322
University Courses in Education, The Analysis and Evaluation of College and, W. E. Peik, 345

V

Vacation on the Achievement of Pupils in the Fourth, Fifth, and Sixth Grades, Effect of the Summer, Elizabeth Bruene, 309
Validity and Reliability Coefficients of a Test When Lengthened, A Table for Predicting the, Harold A. Edgerton and Herbert A. Toops, 225
Vocabulary for First Year French Students, A Tentative, Florence M. Baker, 369
Vocabulary Load of Certain Secondary School Mathematics Textbooks, The, H. H. Remmers and A. Grant, 203
Vocabulary of Civics, The Special, Orlando W. Stephenson, 297
Vocabulary of Grade Children, An Association Study of the, C. G. Shambaugh and Olive L. Shambaugh, 40
Voegelein, L. Belle, List of Educational Subject Headings, (R), (J. I. Wyer), 88
Volley Ball for Women, Katherine W. Montgomery, (R), 406

W

Wagner, Dr. Julius, The Scientific Trend of Present Day Pedagogy, (A), 254
Waples, Douglas and Others, Problem Exercises for High School Teachers, (R), (D. H. Eikenberry), 401
Washburne, Carleton, and Morphett, Mabel Vogel, Unfamiliar Situations as a Difficulty in Solving Arithmetic Problems, 220
Waste in Professional Education, Richard E. Hyde, 144
Weidel, Prof. Karl, The New Teacher Training in Prussia, (A), 255
Which College? Rita S. Halle, (R), (Oscar F. Weber), 158
Witty, Paul A., and Lehman, Harvey C., The Psychology of Play Activities, (R), (Elmer Mitchell), 90
Woellner, Robert, and Reavis, W. C., The Time and the Personnel Available for Administrative Duties in Secondary Schools, (A), 331
Woods, Gerald G., and Curtis, Francis D., A Study of a Modified Form of the Multiple-Response Test, 211
Worcester, Dean A., and Fenton, Norman, An Introduction to Educational Measurements, (R), (W. W. Coxe), 91
Worcester, D. A., Prevalent Errors in New-Type Examinations, 48
Worcester, D. A., The Permanence of Learning in High School Subjects, (A), 170
Wright, Wendell William, and Smith, Henry Lester, Second Revision of the Bibliography of Educational Measurements, (A), 254
Wurzinger, Stephan, Types of Habitus and Development of Body During the School Age—Study on 510 Elementary School Pupils of the City of Munich, (A), 330

RESEARCH ABSTRACTS AND BIBLIOGRAPHIES
163-174, 254-259, 328-335, 408-416
NEWS AND COMMUNICATIONS
81-87, 175-183, 260-264, 336-344, 417-424